

1963-1964

IZVESTIYA VUZ, RADIOTEKHNIKA - bimonthly  
(Izvestiya Vuzov, Radio Engineering)  
Translation of 1963-1964,  
Vol. 6-7-8 No. 2  
Order from: National Technical Information  
Service  
5285 Port Royal Road  
Springfield, Virginia 22151  
\$ 3.00 single issues

Russ

VOL #T  
1960

IZVENTIYA VUZ. TEKHNOLOGIYA TEKSTIL'NOI  
PROMYSHLENNOSTI - bimonthly  
(Technology of the Textile Industry USSR)  
Translation begins with 1960,  
Vol. 1, No. 1  
Lag time: 10 months  
Order from: The Textile Institute  
10 Blackfriars Street  
Manchester M3 5DR  
1970: £ 12.00.0/year U.K.  
£ 18.00.0/year overseas  
£ 3.10.0 single issues U.K.  
£ 4.10.0 single issues overseas  
1971: £ 15.00.0/year U.K.  
£ 22.50.0/year overseas  
£ 3.16.0 single issues U.K.  
£ 5.14.0 single issues overseas  
Prices of back issues given on application.  
Single article reprints not available.

Rare  
old

Effect of Hydothermal Influences on Wear  
of Sole Leather, by G. I. Kutyarin, K. G. Karimov.  
RUSSIAN, per, Iz Vyssh Ucheb Zav Tekh Legkoy  
Prom, No 2, 1962, pp 73-77.  
ACSI I-7380  
ID 2204024265

Sci - M/M  
Jul 65

FSTC 381 -765 -328  
9698145

[FOUO]

Scientific Technical Conference of Workers in  
the Footwear Industry (USSR), by A. A.  
Trubchaninov, 4 pp

RUSSIAN, per, Iz Vysshikh Ucheb Zaven Tekhnologiya  
Legkoi Prom, No 2, 1962, pp 140-142.

NLL Tr Bulletin  
Vol IV, No 10, 1962

Sci - Engr  
Mar 63

Working Out the Construction of the Basic Components  
of Regulation Clothing on the Basis of a New Method  
of Construction of Coats From Material, by Ye. Kh.

Melikov, A. V. Savostitskiy. UNCLASSIFIED

RUSSIAN, per, Izvestiya ~~no~~ - Tekhnologiya Legkoy  
Promyshlennosti, No 1, 1960, pp 137-143.

\*319th MI Bn H-7614  
ID 2152361

USSR  
Econ  
Nov 60

Using Salt in Treating Clayey Soils for Construction  
Under Winter Conditions, by S. B. Ukhov, 17 pp.

RUSSIAN, per, Iz Vysshikh Ucheb Zaved, Stroitel  
Arkhitektura, No 1(7), 1959, pp 81-94.

ACSI H-6330  
ID 2144839

USSR - Econ  
Jul 1960

Agency: U.S. Army Cold Regions Res.& Eng. Lab.  
P.O. no.: 71-T-52 R-13394-D 1/7/71

Title: V Raschety grusopodobnosti ledianogo  
polrova pri stoianke gruzov na l'dy  
(in the determination of the carrying  
capacity of an ice cover for loads of  
long duration)

Author: Panfilov, D.F.

Source: Izvestiya Vysshikh Uchebnykh Zavedenii  
Ministerstva Vysshego i Srednego Spets-  
sianog obrazovaniia SSSR, Stroitel'stvo  
i Arhitektura 6:47-57, 1961

Language: Russian

The Thermodynamic and Diffusion Properties of  
the Principal Constituents of Cement During Their  
Hydration, by V. B. Ratinov.

RUSSIAN, per, Iz Vysshikh Ucheb Zaved, Stroitel  
Arkh Arkhitekura, № 6, 1961, pp 134-145.

NLL Ref: 5196 1962 (1,111)  
(loen)

236,08.2

Sci - M/M Jul 63

Approximate Determination of Stresses in a Rectangular Orthotropic Plate of Finite Dimensions During Symmetrical Compression by an Intermittent Load, by V. F. Bondin. 10 pp.  
RUSSIAN, per, Izvestiya VUZ. Sтройство и Архитектура, No 4, 1962, pp 44-52.  
AIR/PTD/IT-23-403-69

sci/median engr  
jan 70

399,821

Aerodynamics of Blocks of Flats, by F.L.  
Serebrovskii.

RUSSIAN, per Izv. Vuz. Stroit. Arkhit, No. 3  
1964, pp 100-109  
NLL/5196 1965 (1239)

Sci -  
Aug 67

337-547

Analysis of Thermal Protection Qualities of  
Padded Insulation, by L. I. Tretyakova, 11 pp.

RUSSIAN, per, Iz Vyschikh Uchebnykh Zavedeniy,  
Tekh Legkoy Prom. No 1, 1958, pp 129-137.

319th MI Bn, E-3333

Sci - Engr

Sep 59

95, 926

Amino Acid Composition of Products of the Fractionation of Collagen of the Dermis of Mammals, by A. A. Denisov, et al., 9 pp.  
RUSSIAN, per, Iz Vysashikh Ucheb Zaved, Tekh Legkoy Prom, No 2, 1959, pp 69-75.  
NIH 3-7-64

Sci-Biol & Med Sci  
May 64

258,227

(HY-6568/2)

On the Scientific Work of the Chairs of the  
Kiev Technological Institute of the Light  
Industry, by N. N. Pozhidayev, 12 pp.

RUSSIAN, per, Iz Ucheb Zaved, Tekh Legkoy  
Prom, No 6, 1959, pp 6-10.

JPRS 9848

165,434

USSR  
Econ  
Sep 61

(NY-6568/3)

Certain Results of the Work of the Ukrainian  
Scientific-Research Institute of the Leather  
and Shoe Industry, by C. V. Libyy, 17 pp.

RUSSIAN, per, Iz Vysshikh Ucheb Zaved,  
Tekh Legkoy Promyshlennosti, No 6, 1959,  
pp 11-17.

JPRS 9849 164, 3 98

USSR  
Econ  
Aug 61

(SF-1344)

Nikolay Vladimirovich Chernov, 3 pp.

RUSSIAN, per, Iz Vysshikh Ucheb Zaved Tekh Legkoy  
Promyshlennosti, No 6, 1959, pp 126-128.

JPRS 4356

USSR

Biog

Feb 61

Strzhalkovskaya, V. V. and Yefremov, Ye. D.  
SPEEDS POSSIBLE WITH DISC-LIKE THREAD-TENSIONING DEVICES. [1961] 6p. (2 figs. omitted).  
Order from OTS or SLA \$1.10

f1-14539

Trans. of Izvestiya Vysshikh Uchebnykh Zavedeniy,  
Tekhnologiya Legkoy Promyshlennosti (USSR) 1960,  
no. 1(14) p. 103-110.

## DESCRIPTORS: \*Threads, Tensile properties

Each construction of the disk-like thread-tensioning device has, for a given type of thread, a certain velocity limit  $\mu$  of the thread passing through the device. The thread movement through the tensioning device with a velocity higher than  $\mu$  causes a rapid increase in the breakage frequency, whereby the thread breaks probably in places where it is not technologically necessary. By reducing the mass of those parts of the tensioning device, which are driven by the thread, it is possible to improve considerably the performance of the device and (Materials-Textiles, TT, v. 6, no. 3) (over)

61-14539

I. Strzhalkovskaya, V. V.  
II. Yefremov, Ye. D.

f1-14539  
175206  
Office of Technical Services

Russian

DC

1,764/70

5 Mar 70SP

Two-Reflector Antenna with Automatic Phasing and  
an Experimental Study of it by A.L.Ayzenberg,

per, Radioelektronika, izv. VUZ LV i SSO SSSR,  
Kiev, Vol.X.No.2, 1967, pp. 93-102,  
publish ad hoc,  
repro graphics,

per- do not mutilate,

Modern Microelectronics and Its Prospects,  
by A. G. Alekstenkov, B. V. Malin.  
RUSSIAN, per, Izv VUZ Radiotekh, Vol 11,  
No 7, 1968, pp 661-678.  
NASA TT F-12,163

Sci-Elec  
June 69

383,225

Range-Measuring Digital Servo-Radar System, by  
D. N. Panov, T. A. P'yavchenko.  
RUSSIAN, per, Izv. VUZ. Radiotekhnika, Vol 12, No 5,  
1969, pp 480-487.  
Dept of Navy APL/JHU T-2399

Sci/Nav  
Apr 70

405,582

General Solution of the Equations of Equilibrium  
for Anisotropic and Isotropic Bodies, by  
E. N. Baida, 19 pp.

RUSSIAN, per, K Iz Vysshikh Ucheb Zaved Strojstvo  
i Arkhitektura, No 6, 1958, pp 17-27, 9689084

Sci - Phys  
Nov 63

DDC RSIC-48  
075 63-34864  
249, 496

On the Determination of Vertical Settling of the  
Boundary of a Half-Space in the Case of Planar  
Deformation (A Dynamic Problem), by  
H. N. Borodachev, 9 pp.

RUSSIAN, per, Iz Vysshikh Ucheb Zaved, Stroitel  
i Arkhitektura, Vol VI, 1958, pp 70-75. 9669144

DDC R&IC-9

2011-03-17 1998

Sci - Earth Sci & Ast  
Jun 63

232,017

Transverse Bending of Rectangular Plates Fixed in  
an Elastic Supporting Frame, by I. I. Slezinger.

RUSSIAN, per, Iz Vysshikh Ucheb Zaved Stroitel  
Arkhitektura, No 1, 1958, pp 87-97.

NLL M 3888

Sci - Phys  
Mar 63

225, 425

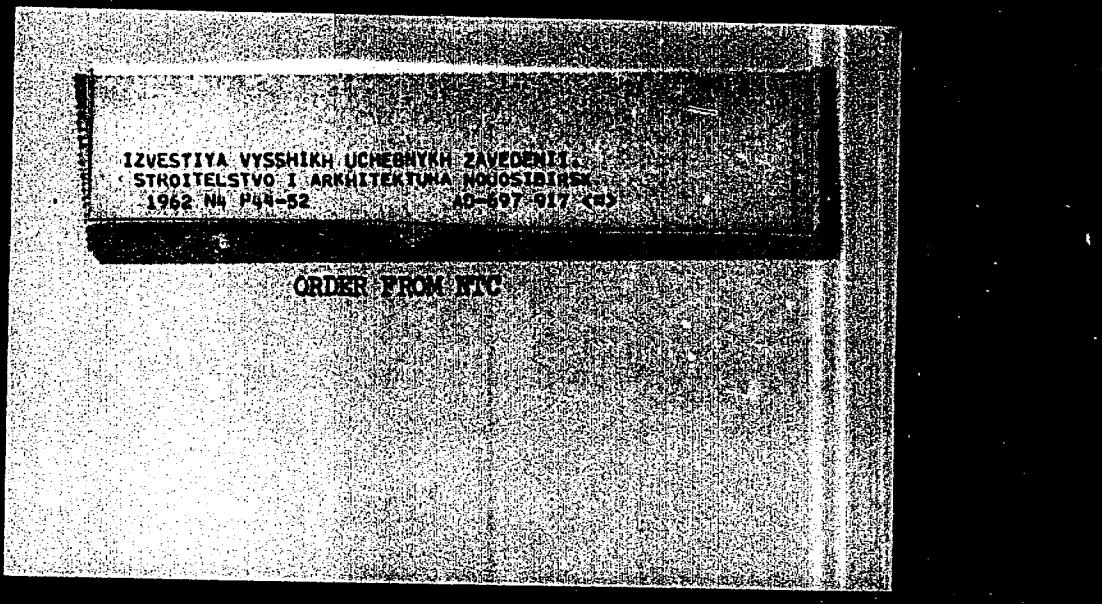
On the Pleonasm in the General Solution of  
Equilibrium Equations of an Anisotropic Body in  
Displacement, by E. N. Bayda, 16 pp.

RUSSIAN, per, Iz Vyssikh Ucheb Zaved, Stroitel i  
Arkhitektura, No 1, 1959, pp 27-37. 9683348

DDC RSIC-10  
C75 63-19564

Sci - Phys  
Jun 63

234, 577



<p>Monastyrskaya, M. S., Pavlov, S. A., and Skornyakova, T. A. OBTAINING VAPOR-PERMEABLE FILMS FROM CARBOXYLIC LATEXES. [1963] 8p. (figs. tables omitted) 6 refs. Order from OTS or SLA \$1.10</p> <p>63-18385</p> <p>Trans. of Izvestiya Vys[shikh] Ucheb[nykh] Zavedenii, Tekhnologiya Legkoi Promyshlennosti (USSR) 1960, no. 4(17) [p. 39-45].</p> <p>DESCRIPTORS: *Elastomers, *Latex, *Plastic films, *Acrylic resins, Acrylic acids, Methyl radicals, Esterification, Colloids, *Plastic films, Moisture, Vapors, Permeability, *Glycols, *Artificial leather.</p> <p>The optimum conditions for mixing glycol with carboxylic-containing polymers in latexes, resulting in the formation of durable films, were found. It was indicated that the vapor-permeability of films, like their (Materials--Elastomers, TT. v. 10, no. 11) (over)</p>	<p>63-18385</p> <p>I. Monastyrskaya, M. S. II. Pavlov, S. A. III. Skornyakova, T. A.</p> <p>Office of Technical Services</p>
--	--

(NY-5986)

Effects of Fillers on the Radiation Resistance of  
Plasticized Polyvinyl Chloride, by L. P. Yanova,  
M. S. Monastyrskaia, S. A. Pavlov, T. T.  
Gorbateva, 12 pp.

RUSSIAN, per, Iz Vysshikh Ucheb Zaved, Tekh  
Legkoy Prom, No 4, 1960, pp 46-52.

JPRS 9076

Sci - Chem

May 61

154,199

R-5531-D  
8 July 1965

Classification of Edger of Clothing Items  
by: I.V. Orlov From: IZV VYSSH UCHEV ZAV-TEKHNOLOGIYA  
LECKOY PROMYSHLENOSTI No 3, 1961 pp 116-120 (5pp)

Russian est for wds:

Type one camera-ready copy and one carbon copy.  
Make cover 381-T65-329.

N 1.0

(DC-4700)

Certain Methods of Measuring Labor Productivity in Light Industry, by L. B. Peysakhzon, 27 pp.

RUSSIAN, per, Izvestiya Vysshikh Uchebnykh Zavodov: Tekhnologiya Legkov Preryahlemenosti, No 5, 1961,  
pp 3-16.

JPRS 13136  
190,894

USSR  
Econ  
Aur. 62

Interaction of Active Dichlorotrinitride Dyes  
with Capron Fibre, by I. Ay Kalontarov,  
A. A. Kharkharov, 8 pp.  
FOR OFFICIAL USE ONLY  
RUSSIAN, per, Iz VUZ Tekh Logkoy Prom, No 5,  
1961, pp 48-54. 9698490  
FSTC 381-T65-330

Sci - Phys  
Nov 65

2191,340

Limiting Wear in Mechanisms, by A. D. Nevskiy, 21 pp.  
21 pp. FOR OFFICIAL USE ONLY  
RUSSIAN, per, Iz VUZ Tekh Legkoy Prom, No 5,  
1961, pp 98-116. 9698490  
ESTC 381-T65-330

Sci - Eng  
Nov 65

291-342

Classification of Edgar Clothing Items, by  
I. V. Orlov.  
RUSSIAN, per, Iz Vyssh Lichab, Zav Tekh Lekkoy  
Prom, No 3, 1962, pp 116-120.  
ACSI I-7381  
ID 2204024365

Sci - M/M FSTC 381-T65-329  
Jul 65 9698141.

For official use only

The Study of the Process of Forming  
Clothing Components From Fabric, by  
Ye. A. Ivanova, A. V. Savostitskiy,  
17 pp FOR OFFICIAL USE ONLY  
RUSSIAN, per, Iz VUZ Tekh Legkoy Prom.  
No 4, 1962. 9698152  
ESTC 381-T65-323

Sci-  
Oct 65

290,256

The Sewing Industry, by E. A. Ivasova.  
RUSSIAN, per, Iz Vyssh Ucheb Zaved Tech.  
Legkoy Prom, No. 4, 1962, pp 108-118.  
ACSI I-7375  
ID 2204023765

USSR  
Econ  
Jul 65

Determining Thermal Qualities of Clothing, by  
L. I. Tret'yakova.  
RUSSIAN, per, Iz Vysah Ucheb Zaved-Tech Legkoy  
Prom, No 6, 1962, pp 67-72.  
FACSIMILE I-7375  
ID 2204023765

USSR  
M/m  
Jul 65

Determining the Tension of Thread in Process  
of Forming Chain Stitches, by I. S. Stezhkov.  
RUSSIAN, per, Iz Vyssh Ucheb Zaved-Tech  
Lekkoy Prom, No 6, 1962, pp 73-81.

ACSI I-7375  
ID 2204023765

Sci - Engr  
Jul 65

Methods of Reconstructing the Drafting Unit of  
Soviet-Made Speed Frames for Uneven Blends, by N. I.  
Shilova.

ARUSSIAN, per, Izvest Vuz T kh Tekst Prom, No 1, 1963,  
pp 65-71  
GB 112, TR/453

Sci -  
Aug 67

336,699

Investigation of the Process of Washing Out  
Expanding Agents from Carboxyl-Containing  
Rubbers, by I. A. Shtern, I. V. Plotnikov, 7 pp.  
FOR OFFICIAL USE ONLY  
RUSSIAN, per, Iz VUZ Tekh Legkoy Prom, No 2,  
1963, p9698490  
FSTC 381-T65-330

Sci - Chem  
Nov -5

291,3434

Influence of the Medium on the Deformation of  
Stretched Fabrics and on the Components of  
Deformation, by A. I. Koblyakov, 8 pp.

FOR OFFICIAL USE ONLY

RUSSIAN, per, Iz VIZ Tekh Legkoy Prom, No 2,  
1963, pp 3-10. 9698490  
FSTC 381-T65-330

Sci - Phys  
Nov 65

291,343

The Problem of Dissolving and Reconstituting  
Collagen, by A. A. Golovteyeva,  
I. S. Shestakova, 19 pp.  
RUSSIAN, per, Iz Vyssh Ucheb Zaved Tech Leg  
Prom, No 4, 1963, pp 73-83.  
CIA/FDD XX-1734  
NO FOREIGN DISSEM

Sci  
Aug 65  
USIB Internal Use Only

287,609

Contact Thermal-Diffusion Moistening of Footwear Uppers, by S. A. Kabyshova,  
G. P. Bulatov, 5 pp.  
FOR OFFICIAL USE ONLY  
RUSSIAN, per, Iz VUZ, Tekh Legkoy Prom, No 2,  
1963, pp 93-97. 9698490  
FSTC 381-T65-330

Sci - Elec  
Nov 65

291,341

The Problem of Dissolving and Reconstituting  
Collagen, by A. A. Golovteyeva,  
I. S. Shestakova, 9 pp.  
RUSSIAN, per, Iz Vyssh Ucheb Zaved, Tekh  
Leg Prom, No 5, 1963, pp 62-67.  
CIA/FDD XX-1733  
NO FOREIGN DISSEM

Sci  
Aug 65  
USIB Internal Use Only

287,610

Certain Questions of the Cyanoethylation,  
Carboxylations, Alkylation and Acylation  
of Gelatin, by N. S. Sorokina, et al.  
RUSSIAN, Izvestiya VUZ, Tekhnologiya,  
1963, Vol 3, pp 70-75.  
NLL RTS 2643      (On Loan or Purchase)

Aug 65

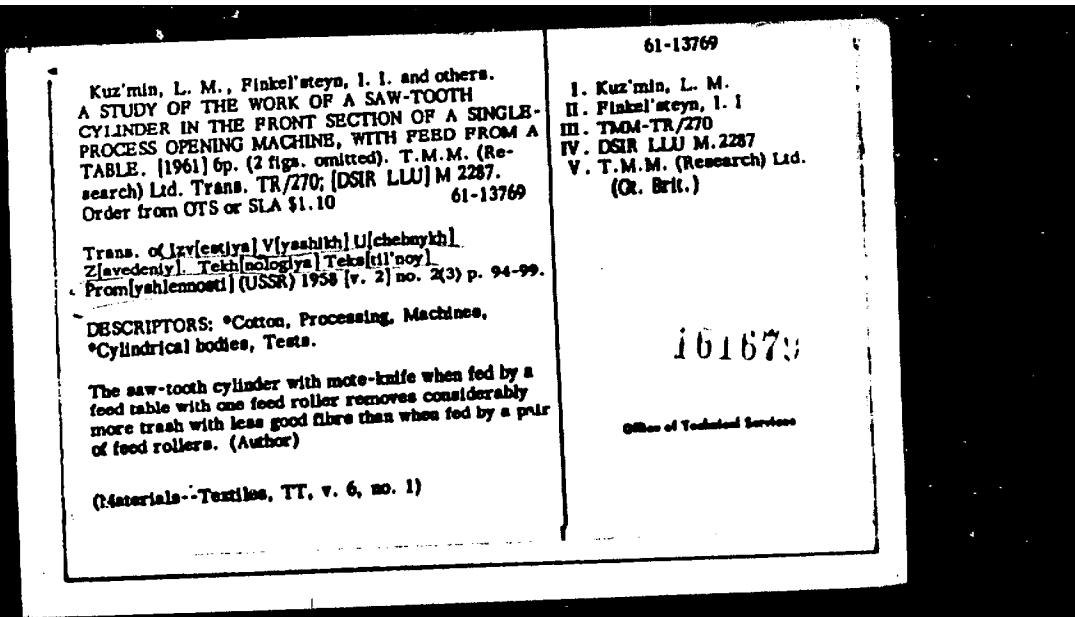
287,024

The Effect of Moisture Linkages of Various Types on  
Thermophysical Properties of Certain Cotton Fabrics,  
by N. I. Salivovon and M. F. Kazanskiy, 11 p.  
RUSSIAN, per, Izvestiya VUZ Tekhnologiya Legkoi  
Promyshlennosti, No 1, 1964, pp 48-53.

NLL RTS-3173

Sci-M&M  
Jun 66

304,131



(NY-3120).

30th Birthday of Prof V. P. Dobychin, 2 pp.

RUSSIAN, per, Iz Vs Ucheb Zaved, Tekh, Tekstil  
Prom, No 4, 1950, pp 182-183.

JPRS-L-1106-N

Sci - Misc  
Jan 60

Calculation of the Number of Machines Per  
Operator, by G. Kolobrodov.

RUSSIAN, per, Iz Vyashikh Ucheb Zaved, Tekh  
Tekstil Prom, No 3, 1959, pp 11-19.

CSIRO 5365

O 1-3864

207, 620

Sci - Engr  
Jul 62

Deterioration of Tent Fabrics in Various Climatic  
Conditions, by N. V. Kalugin, 19 pp. UNCLASSIFIED  
RUSSIAN, per, Tekh Tekstil Prom (Izvestiya VUZ),  
No 3, 1959, pp 19-25.

ACSI H-6422  
ID 2144833

Sci - Engr  
Jul 60

112 701

15 670

GE-1

PROTASOVA V. A.

Methods of investigating uniformity of stretch by means of  
radioactive isotopes

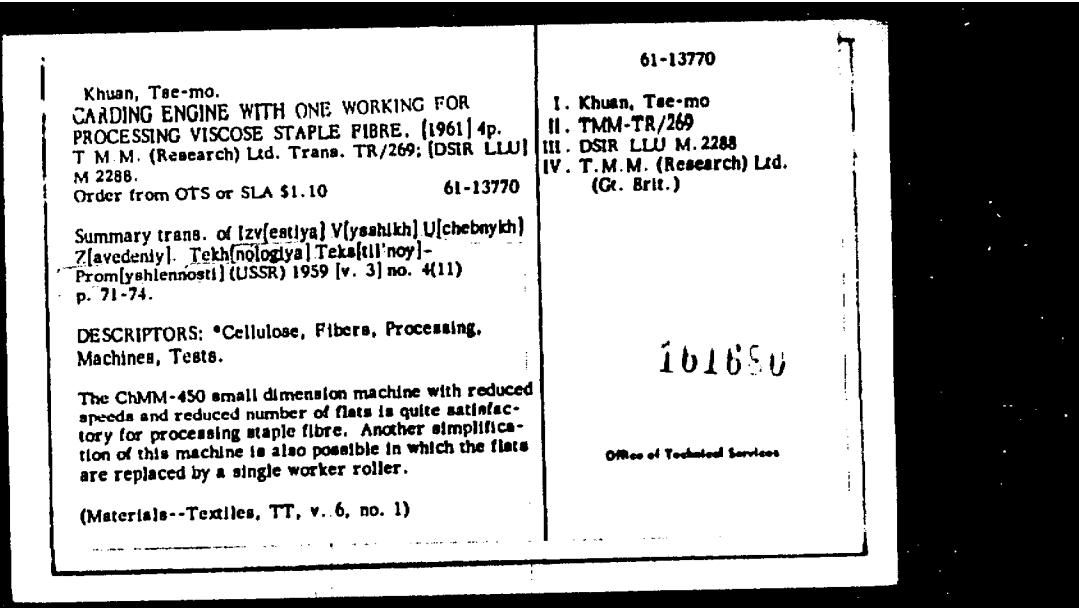
Methodik zur Erforschung der Streckungsgleichmässigkeit  
mit Hilfe von radioaktiven Isotopen

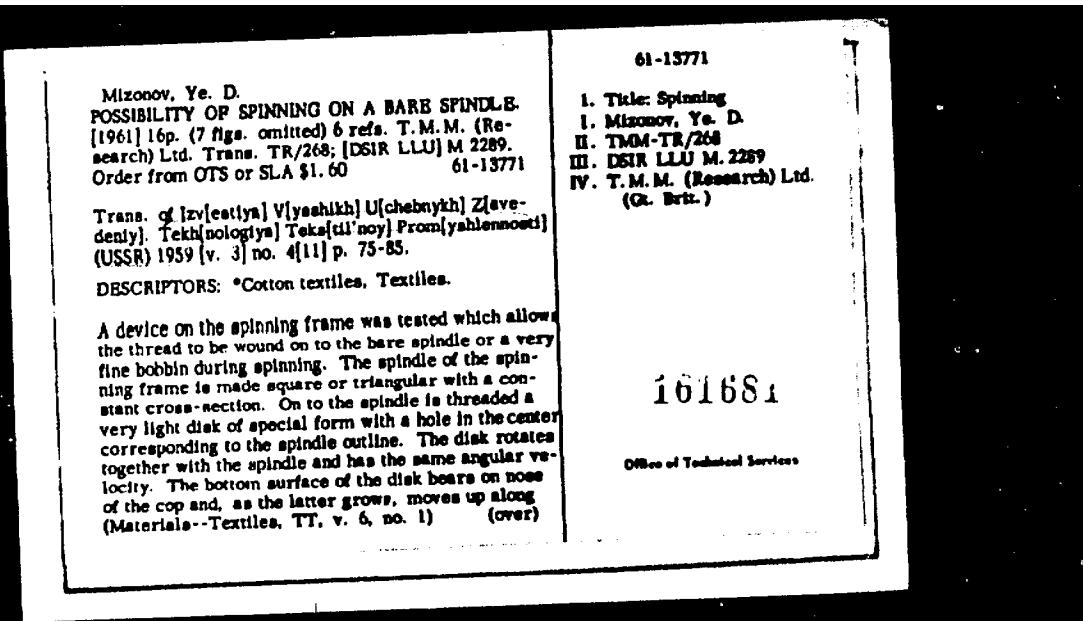
Izv. Vysshikh Uchebn. Zaved., Tekhn., Tekst. Prom., No. 3,  
88-95 (1959)

German

E u r a t o m

1959





*Order to Run*

ATS-16M46R

Trans. of Izvestiya Vsesoyuznogo Nauchno-Issledovatel'skogo Instituta po Tekhnicheskym Naukam po Zavodam (Tekhnologiya) Tekhnika [noy]. Riazanskogo gorno-lesno-gospromstroitel'skogo in-ta (USSR) 1959 (v. 3) no. 6(13). p. 104-106.

151514

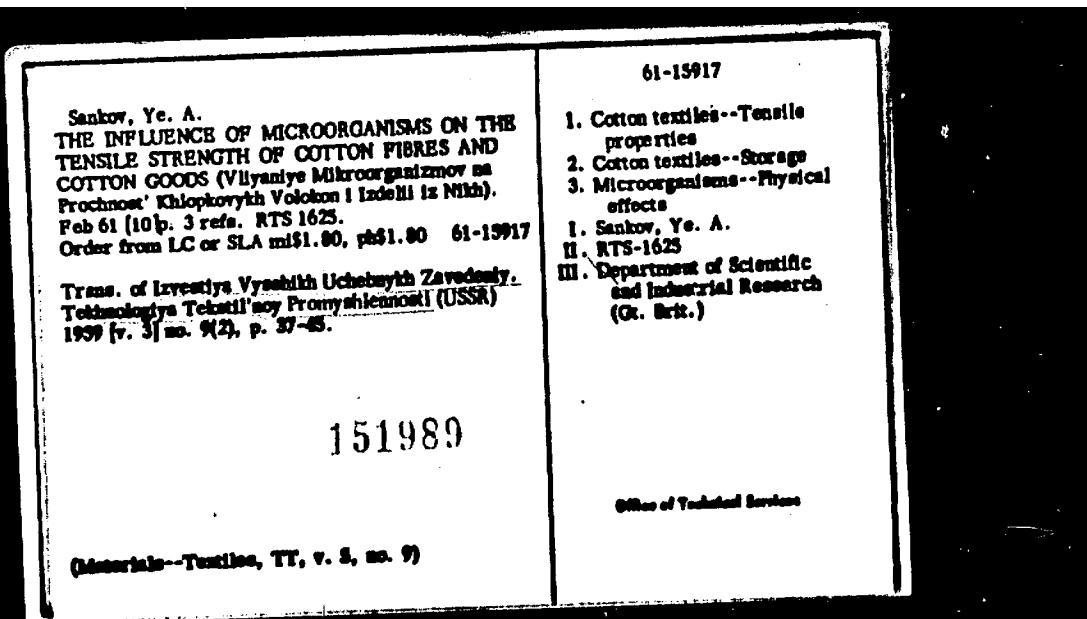
(Materials--Textiles, TT, v. 5, no. 8)

61-12678

1. Synthetic fibers-- Processing
  2. Orion--Processing
  3. Dyes--Applications
  1. Roekin, Ye. S.
  - II. Kharkharov, A. A.
  - III. Fei', V. S.
  - IV: Title: Problem...
  - V. ATS-16M46R
  - VI. Associated Technical Services, Inc., East Orange, N. J.

AT&T RV-2984

**Office of Technical Services**



<p>Protasova, V. A. INVESTIGATION OF IRREGULARITY DUE TO DRAWING BY MEANS OF RADIO-ISOTOPES (Metodika issledovaniya neravnostey v Vytyagivaniye s Pomoshchyu Radioaktivnykh Izotopov) tr. by M. Slade. [1960] [14 p. (foreign text included) 3 refs. Trans. no. 4900. Order from LC or SLA m1\$.80, ph\$1.80 61-15175  Trans. of Izvestiya Vysshikh Uchebnykh Zayedentiy. Tekhnologiya Tekstil'noy Promshlennosti (USSR) 1959, v. 5, no. 10, p. 88-95.</p> <p>A method is described by which <math>P^{32}</math> is to be used for investigating the irregularities due to drawing on drawing frames, slubbing frames, and spinning ma- chines in worsted spinning as a function of the num- ber of doublings, the construction of the drawing frame, and the composition of the roving.  (Materials: Textiles, TI, v. 5, no. 4)</p>	<p>61-15175</p> <p>1. Phosphorus Isotopes (Radioactive)--Applications 2. Fibers--Processing 3. Woolen textiles--Processing 4. Title: Spinning I. Protasova, V. A. II. CSIRO Trans-4900 III. Commonwealth Scientific and Industrial Research Organization (Australia)</p> <p>143,335</p> <p>Office of Technical Services</p>
--	---

Determination of the Yarn speed at the Tip of the  
Unwinding Balloon of the M-150 Winding Frame,  
by E. D. Efremov.

RUSSIAN, per, Iz Vysshikh Ucheb Zaved Tekh  
Tekstil'noy Prom, Vol V, No 12, 1959, pp 104-110.

NLL RTS 2343(Loan)

Sci  
Feb 64

*AT5*

RJ-5638 THE EFFECT OF STRUCTURE ON THE STRENGTH OF TWISTED  
COTTON THREAD, L. Sh. Glikman, Izvest. Vysshikh  
Ucheb. Zavedenii, Tekhnol. Tekstil. Prom. 1960, No.  
3 (16), 9-13.  
2500 W; 3 F; 2 R                    \$ 9.45 (\$1.25)

Deformation Resistance of Carbon Steels, by  
L.D. Sololov.  
RUSSIAN, per, Izv Vyssh Ucheb Zaved Chern Metall,  
Vol 10, 1963,  
pp 62.  
CRL/D.706  
Vol 17, No 3, 1969

July 69

385-220

Effect of Tensioner Devices on the Breaching Rate  
in Penetrating and Seizing, by ... P. Androv.

MOSCOW, pub. in Voen. Tekhn. Zaved. Ser. Tekhnicheskaya  
Promst., Vol. 5, No. 2, pp. 60-64.

SP/112/TR/310 - 111

Sci-Dngr  
Bob G

Selective Nationalized Equipment in the Manufacture  
of Textile Machinery, by E. I. Glushchenko.

USSR, per, in English saved: Vod. Tekstil'noi  
Promy Vol I, 1961, pp 153-161.

DD/112/TR/357•ML

Sci-Econ  
Feb 63

Method of Increasing the Productivity of  
Carding Machines, by G. I. Karasev.

RUSSIAN, per, Iz Vyssh Ucheb Zaved: Tekh  
Tekstil'noi Promy, Vol IV, 1961, pp 47-53.

GB/112/TR/362 - NLL

Sci-Engr  
Feb 63

222,59?

R-5474-D

RUSSIAN, per, Iz VU<sup>Z</sup>A Tekh Tekstil Prom,  
No 5, 1961, pp 93-97; 98-116; 48-54.

\*JPRS/FSTC

Sci  
Jun 65

On Dyeing Synthetic Fibers. Report No 12,  
Study of the Process of Dyeing "Lavsan" by  
Means of the Formation on it of Azo Dyes  
that are Insoluble in Water, by A. A. Kaharkharov.  
RUSSIAN, rpt, Izvestiya Vysshikh Uchebnykh  
Zavedenii. Tekhnologiya i Tekstilnoi Promyshlennosti,  
No 5, 1961, pp 105-112.

NTC-71-12691-11E

Nov 71

Analysis of the Fineness ( or Mass ) Variation  
of Viscose Filament Yarn, by F. Sadykova.  
RUSSIAN, per, Izvestiya Vysshikh Uchebnykh  
Zavedenii, Tekhnol. Tekstil. Prom., No 6,  
1962, pp 18-24.

Sci -  
Jul 67

334,847

Koritskii, K. I.  
THE ESTIMATION OF THE BREAKING CHARACTERISTICS OF VISCOSE TIRE CORD. 14 Dec 62  
[16 p. 4 refs.  
Order from OTS or SLA \$1.60

63-10830

Trans. of [zvestiia] Vysshikh Uchebnykh Zavedenii,  
[Tekhnologiya] Tekstil'noi Promlyshlennosti] (USSR)  
1962 (v. 6) no. 1, p. 42-49.

DESCRIPTORS: \*Failure (Mechanics), \*Viscose,  
\*Fibers, Tires. Mathematical analysis, Mathematical  
prediction, Fibers (Synthetic).

When specifying the breaking characteristics of cord  
yarn, it is necessary to use the equation of the final  
section of the extension curve for complex yarn and the  
calculated values of the angles of inclination of the  
strands to the cord axis and that of the fibers to the  
(Materials--Textiles, TT, v. 9, no. 12) (over)

63-10830

I. Koritskii, K. I.

Office of Technical Services

<p>Androsov, V. F. USE OF VAT SOLS FOR DYEING WOOL (Primenenie Kubozolei dlya Krasheniya Shersti) tr. by B. Ribush. [1963] [13p] (foreign text included) 12refs [CSIRO] Trans. no. 6266. Order from OTS or SLA \$1.60                    63-24077</p> <p>Trans. of Izvestiya Vysshikh Uchebnykh Zavedenii. Tekhnologiya Tekstil'noi Promyshlennosti (USSR) '1962 [v. 6] no. 2, p. 85-90.</p> <p>DESCRIPTORS: *Woolen textiles, *Dyeing, Fibers, Colors, Mixtures.</p> <p>Determination was made of the optimum formulae and regimes for dyeing wool fibre with vat sols and develop- ing the colours by the chromate method. The recom- mended formulae and regimes for dyeing wool with Russian-made vat sols have proved themselves in (Materials--Textiles, IT, v. 10, no. 12)                    (over)</p>	<p>63-24077</p> <p>I. Title: Vat sols I. Androsov, V. F. II. CSIRO Trans-6266 III. Commonwealth Scientific and Industrial Research Organization (Australia)</p> <p>Office of Technical Services</p>
---	---

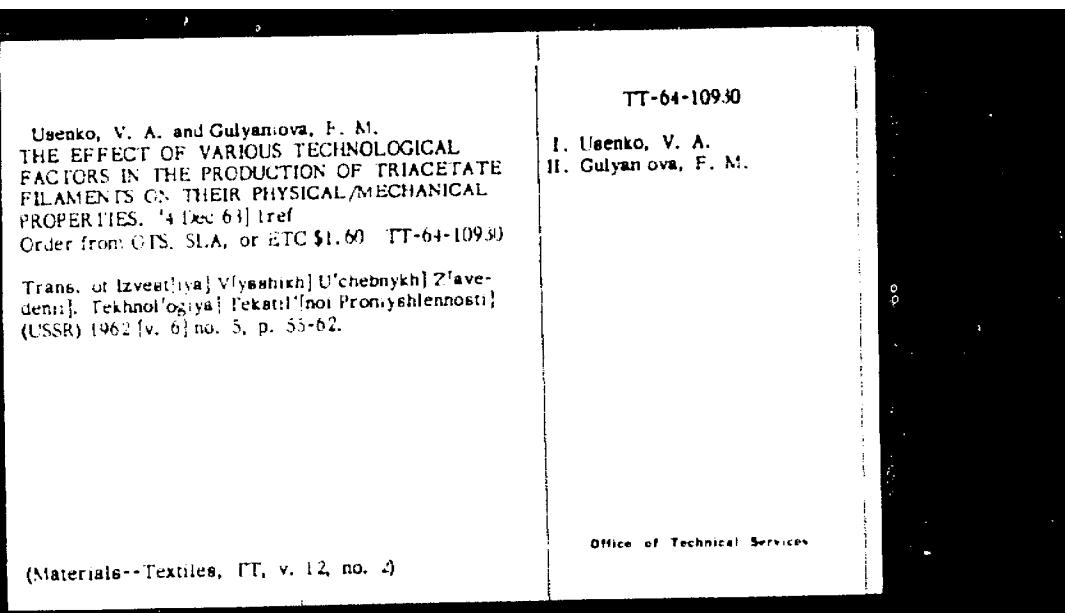
Preparation of Cotton Marl Yarn for Weaving  
Without Sizing, by V. M. Tyugin.

RUSSIAN, per, Iz Vysshikh Ucheb. Zaved. Tekh  
Tekstil Prog, No 4, 1962, pp 68-72.

NLL Ref: 5828.4 1963, (5,247)  
(loan)

Sci - M/M  
Jul 63

236,085



Abrasion Resistance of Summer-weight Dress  
Fabrics, by B. D. Semak.  
RUSSIAN, per, Izvestiya Uchebnykh Zavedenii,  
Tekhnol. Tekstil. Prom., 1963, pp 24-29.  
GB/121

Sci -  
Jul 67

334, 848

Comparative Analysis of the Equations Proposed  
for the Calculation of the Strength of Viscose  
Cord Yarns, by I.I.Feiman.  
RUSSIAN,per, Iz. V.U.Z.Zaved. Tekhnol Tekstil  
Prom, 1963, vol.7, no.1, pp. 27-33.  
SLA-TT-64-18748

Eng  
Aug<sup>66</sup>

307,688

FSTC

B-2474-2  
18 Jun 65

1/2 Vuz Tekh Tekstil Prom  
Revn of Higher Educational Institutions, Technology of  
Light Industry, ~~1963, 1967, 1968,~~  
No 2, 1963, pp 3-10, 46-56

Precoder - set for this:

Type one camera ready copy. Make cover 301-765-330.

Drive of Speed Frames, by K.S. Shishlo.  
RUSSIAN, per, Izvest Vuz Tekh Prom, No 4, 1963,  
pp 30-126  
GB 112/TR/46

Sci -  
Aug 67                  336,700

Determining Concentration of Dyes on  
Colored Fabrics by means of Spectra of  
Reflection, by L. A. Volodina.  
RUSSIAN, Ber., Iz VUZ, Tekh Tekstil Prom.,  
No 4, 1964, pp 97-104.  
ACSI I-8936 A  
ID 2204066365

Sci - Phys  
Mar 66 297,247

Selection of an Efficient Layout of the  
Capron Dyeing Process, Using Active Vinyl  
Sulfamidic Dyes, by L. A. Kovzhin.  
RUSSIAN, per, Iz VUZ, Tekh Tekstil Prom.  
No 4, 1964, pp 105-110.  
ACSI I-8936 B  
ID 2204066365

Sci - Phys  
Mar 66

297,248

Iz V.U.Z Tsvetnaya  
metal

(DC-58)

Dependence of the Amount of "Carbon Foam" on the  
Anode , Current Density in the Cryolite-Alumina  
Fusions, by L. N. Antipin, 3 pp.

RUSSIAN, per, Izvestiya Vysshikh Uchebnykh  
Zavedeniy, No 1, 1958, pp 107-115, and Tsvetnaya  
Metallurgiya.

US JPRS/DC-L-715

75, 119

Sci - Chem  
Oct 58